

DFN-044

SEQUENCE LISTING

<110> Dana-Farber Cancer Institute, Inc. et al.

<120> NOVEL COMPOSITIONS AND METHODS FOR THE
GENERATION OF MHC CLASS II COMPOUNDS BY
PEPTIDE EXCHANGE

<130> DFN-044

<150> 60/395494

<151> 2002-07-12

<150> 60/397893

<151> 2002-07-22

<160> 36

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 15

<212> PRT

<213> Homo sapiens

<400> 1

Pro	Val	Ser	Lys	Met	Arg	Met	Ala	Thr	Pro	Leu	Leu	Met	Gln	Ala
1				5					10				15	

<210> 2

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2

Ala	Ala	Met	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Met	Ala
1			5						10		

<210> 3

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3

Ala	Ala	Met	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala
1			5						10			

<210> 4

<211> 13

<212> PRT

<213> Homo sapiens

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<400> 4

Ala Ala Phe Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> 5

<211> 13

<212> PRT

<213> Homo sapiens

<400> 5

Ala Ser Met Ser Ala Ala Ser Ala Ala Ser Met Ala Ala
1 5 10

<210> 6

<211> 15

<212> PRT

<213> Homo sapiens

<400> 6

Gly Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp His Glu
1 5 10 15

<210> 7

<211> 6

<212> PRT

<213> Homo sapiens

<400> 7

Gly Gly Ser Gly Gly Ser
1 5

<210> 8

<211> 19

<212> PRT

<213> Homo sapiens

<400> 8

Cys Gly Gly Gly Pro Val Ser Lys Met Arg Met Ala Thr Pro Leu Leu
1 5 10 15
Met Gln Ala

<210> 9

<211> 17

<212> PRT

<213> Homo sapiens

<400> 9

Cys Gly Gly Gly Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala
1 5 10 15
Thr

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<210> 10
<211> 13
<212> PRT
<213> Homo sapiens

<400> 10
Tyr Lys Arg Trp Ile Ile Leu Gly Leu Asn Lys Ile Val
1 5 10

<210> 11
<211> 13
<212> PRT
<213> Homo sapiens

<400> 11
Leu Asn Lys Ile Val Arg Met Tyr Ser Pro Thr Ser Ile
1 5 10

<210> 12
<211> 14
<212> PRT
<213> Homo sapiens

<400> 12
Ser Pro Glu Val Ile Pro Met Phe Ser Ala Leu Ser Glu Gly
1 5 10

<210> 13
<211> 14
<212> PRT
<213> Homo sapiens

<400> 13
Asp Arg Phe Tyr Lys Thr Leu Arg Ala Glu Gln Ala Ser Gln
1 5 10

<210> 14
<211> 15
<212> PRT
<213> Homo sapiens

<400> 14
Glu Gln Ile Gly Trp Met Thr Asn Asn Pro Pro Ile Pro Val Gly
1 5 10 15

<210> 15
<211> 13
<212> PRT
<213> Homo sapiens

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<400> 15

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
1 5 10

<210> 16

<211> 16

<212> PRT

<213> Homo sapiens

<400> 16

Trp Asn Arg Gln Leu Tyr Pro Glu Trp Thr Glu Ala Gln Arg Leu Asp
1 5 10 15

<210> 17

<211> 16

<212> PRT

<213> Homo sapiens

<400> 17

Asp Val Pro Lys Trp Ile Ser Ile Met Thr Glu Arg Ser Val Pro His
1 5 10 15

<210> 18

<211> 15

<212> PRT

<213> Homo sapiens

<400> 18

Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr Pro Pro
1 5 10 15

<210> 19

<211> 15

<212> PRT

<213> Homo sapiens

<400> 19

Gly Tyr Lys Val Leu Val Leu Asn Pro Ser Val Ala Ala Thr Leu
1 5 10 15

<210> 20

<211> 19

<212> PRT

<213> Homo sapiens

<400> 20

Ser Gly Glu Asn Leu Pro Tyr Leu Val Ala Tyr Gln Ala Thr Val Cys
1 5 10 15
Ala Arg Ala

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<210> 21
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 <212> PRT
 <213> Homo sapiens

<400> 21
 Ser Gly Ile Gln Tyr Leu Ala Gly Leu Ser Thr Leu Pro Gly Asn Pro
 1 5 10 15
 Ala Ile Ala Ser Leu
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<210> 22
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 22
 Val Ser Ser Val Ser Ser Gln Phe Ser Asp Ala Ala Gln Ala Ser Pro
 1 5 10 15
 Ser

<210> 23
 <211> 18
 <212> PRT
 <213> Homo sapiens

<400> 23
 Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys
 1 5 10 15
 Arg Gly

<210> 24
 <211> 14
 <212> PRT
 <213> Homo sapiens

<400> 24
 Leu Ile Ala Phe Thr Ser Glu His Ser His Phe Ser Leu Lys
 1 5 10

<210> 25
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 25
 Val Asn Phe Phe Arg Met Val Ile Ser Asn Pro Ala Ala Thr His Gln
 1 5 10 15
 Asp

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<210> 26

<211> 15

<212> PRT

<213> Homo sapiens

<400> 26

Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg
1 5 10 15

<210> 27

<211> 15

<212> PRT

<213> Homo sapiens

<400> 27

Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr Pro Pro
1 5 10 15

<210> 28

<211> 20

<212> PRT

<213> Homo sapiens

<400> 28

Leu Tyr Gly Ala Leu Leu Leu Ala Glu Gly Phe Tyr Thr Thr Gly Ala
1 5 10 15
Val Arg Gln Ile
20

<210> 29

<211> 20

<212> PRT

<213> Homo sapiens

<400> 29

Phe Tyr Thr Thr Gly Ala Val Arg Gln Ile Phe Gly Asp Tyr Lys Thr
1 5 10 15
Thr Ile Cys Gly
20

<210> 30

<211> 23

<212> PRT

<213> Homo sapiens

<400> 30

Ala Val Arg Gln Ile Phe Gly Asp Tyr Lys Thr Thr Ile Cys Gly Lys
1 5 10 15
Gly Leu Ser Ala Thr Val Thr
20

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<210> 31
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 31
 Ala Val Pro Val Tyr Ile Tyr Phe Asn Thr Trp Thr Thr Cys Gln Ser
 1 5 10 15
 Ile Ala Phe Pro
 20

<210> 32
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 32
 Ile Ala Ala Thr Tyr Asn Phe Ala Val Leu Lys Leu Met Gly Arg Gly
 1 5 10 15
 Thr Lys Phe

<210> 33
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 33
 Gln Phe Arg Val Ile Gly Pro Arg His Pro Ile Arg Ala Leu Val Gly
 1 5 10 15
 Asp Glu Val

<210> 34
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 34
 Gly Lys Asn Ala Thr Gly Met Glu Val Gly Trp Tyr Arg Pro Pro Phe
 1 5 10 15
 Ser Arg Val Val
 20

<210> 35
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 35
 Trp Tyr Arg Pro Pro Phe Ser Arg Val Val His Leu Tyr Arg Asn Gly
 1 5 10 15
 Lys Asp Gln Asp

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20

<210> 36
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide

<221> VARIANT
<222> 3, 11
<223> Xaa = Any Amino Acid

<400> 36
Ala Ala Xaa Ala Ala Ala Ala Ala Ala Ala Xaa Ala Ala
1 5 10